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Date of Deposit: November 15, 2001  
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PRO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION FEE TRANSMITTAL

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR §1.53(b) is the

- patent application       continuation patent application  
 divisional patent application       continuation-in-part patent application

of Applicants: Brian A. Fox, Zeren Gao, Kimberly E. Shoemaker

Title: NEUROPILIN HOMOLOG ZCUB5

62 pages of specification       9 sheets of drawings

31 pages of sequence listing

An assignment of the invention to \_\_\_\_\_

2 sheets of  signed  unsigned Declaration and Power of Attorney

**ASCII Computer Disk Sequence pursuant to 37 C.F.R. 1.821(f). It is believed that the content of the paper sequence listing and the computer readable sequence listing are the same.**

CALCULATION OF APPLICATION FEE

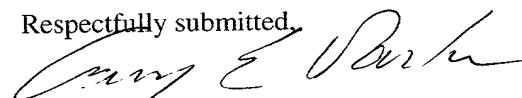
Claim Type	No. Filed	Less	Extra	Extra Rate	Fee
Total	19	-20	0	\$9.00	\$000.00
Independent	4	-3	1	\$42.00	\$42.00
			Basic Fee		\$370.00
			Multiple Dependency Fee		\$000.00
			If Applicable (\$140.00)		\$000.00
			<b>Total Filing Fee</b>		<b>\$412.00</b>

- Priority of application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. 119. A certified copy thereof is submitted herewith.
- The benefit of application Serial No. 60/249,004 filed on November 15, 2000 in the U.S. Patent and Trademark Office is claimed under 35 U.S.C. 120 or 119(e) 1.

**Applicants claim small entity status.** Please charge ZymoGenetics, Inc., Deposit Account No. 26-0290 as follows:

- Filing fee, estimated to be \$412.00
- Assignment recording fee
- Any additional fees associated with this paper or during the pendency of this application.
- The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

A copy of this sheet is enclosed.

Respectfully submitted,  
  
Gary E. Parker  
Registration No. 31,648

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**EXPRESS MAIL CERTIFICATE**

Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

Re: U.S. Patent Application for NEUROPILIN HOMOLOG ZCUB5

Applicants: Brian A. Fox, Zeren Gao, Kimberly E. Shoemaker

Sir:

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Date of Deposit November 15, 2001

I hereby certify that the following attached paper(s) or fee

1. Return Post card
2. Application Fee Transmittal (in duplicate)
3. Patent Application (62 pages)
4. Figures 1-3 (9 sheets of drawings)
5. Unexecuted Declaration and Power of Attorney
6. Sequence Listing (31 pages)
7. ASCII Computer Disk Sequence pursuant to 37 CFR 1.821(e).

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee"  
under 37 C.F.R. 1.10 on the date indicated above, addressed to the Commissioner for Patents,  
Washington, DC 20231.

  
Amy Toman

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